

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: December 21, 2002, 13:23:00 ; Search time 2.61224 Seconds
(without alignments)
5165.587 Million cell updates/sec

Title: US-09-617-174C-1_COPY_914_957

Perfect score: 44

Sequence: 1 tctcttcaattgtggacaa.....ccaagaggttgtagtaggag 44

Scoring table: IDENTITY_NUC

Gapop 10_0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA.*

- 1: /cgn2_6/ptodata/2/ina/5A_COMB.seq.*
- 2: /cgn2_6/ptodata/2/ina/5B_COMB.seq.*
- 3: /cgn2_6/ptodata/2/ina/6A_COMB.seq.*
- 4: /cgn2_6/ptodata/2/ina/6B_COMB.seq.*
- 5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq.*
- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	23	52.3	1820	5	PCT-US94-09752-1
C 2	21.6	49.1	6585	3	US-08-746-111-4
C 3	20.8	47.3	336	2	US-08-691-8148-96
C 4	20.8	47.3	4253	2	US-08-691-8148-7
C 5	20.8	47.3	7152	4	US-09-167-681-29
C 6	20.8	47.3	8196	4	US-09-328-174A-1
C 7	20.8	47.3	8409	4	US-09-167-681-37
C 8	20.6	46.8	3282	1	US-08-276-852-154
C 9	20.6	46.8	3282	1	US-08-276-852-154
C 10	20.6	46.8	3282	1	US-08-899-575-154
C 11	20.6	46.8	3282	1	US-08-899-575-154
C 12	20.6	46.8	3282	1	US-08-899-575-154
C 13	20.6	46.8	3282	1	US-08-899-575-154
C 14	20.6	46.8	3282	5	PCT-US95-08743-154
C 15	20.6	46.8	3282	5	PCT-US95-08743-154
C 16	20.6	46.8	8614	4	US-09-247-352-5
C 17	20.6	46.8	8614	4	US-09-466-635-5
C 18	20.6	46.8	13254	1	US-08-276-852-156
C 19	20.6	46.8	13254	1	US-08-276-852-170
C 20	20.6	46.8	13254	1	US-08-899-575-156
C 21	20.6	46.8	13254	1	US-08-899-575-170
C 22	20.6	46.8	13254	1	US-08-899-575-156
C 23	20.6	46.8	13254	1	US-08-899-575-156
C 24	20.6	46.8	13254	1	US-08-899-575-170
C 25	20.6	46.8	13254	5	PCT-US95-08743-156
C 26	20.6	46.8	13254	5	PCT-US95-08743-170
C 27	20.2	45.9	6946	4	US-09-316-080-1
C 28	20	45.5	1969	4	US-09-552-322-7

28	19.8	45.0	51	4	US-09-564-805-5	Sequence 5, Appl1
29	19.8	45.0	238	4	US-09-328-111-315	Sequence 315, App
30	19.8	45.0	1569	4	US-09-134-001C-918	Sequence 918, App
31	19.8	45.0	2136	4	US-09-177-249-1	Sequence 1, Appl1
32	19.8	45.0	2315	4	US-09-061-769A-1	Sequence 1, Appl1
33	19.8	45.0	2322	4	US-09-061-769A-3	Sequence 4, Appl1
34	19.8	45.0	2327	4	US-09-061-769A-3	Sequence 3, Appl1
35	19.8	45.0	2481	4	US-09-564-805-1	Sequence 1, Appl1
36	19.8	45.0	2892	4	US-09-564-805-225	Sequence 225, App
37	19.8	45.0	2958	4	US-09-564-805-3	Sequence 3, Appl1
38	19.8	45.0	7015	4	US-09-177-249-6	Sequence 6, Appl1
39	19.8	45.0	26664	4	US-09-564-805-28	Sequence 28, Appl1
40	19.6	44.5	11725	2	US-08-756-506-1	Sequence 1, Appl1
C 41	19.4	44.1	2149	1	US-08-374-502-1	Sequence 1, Appl1
42	19.2	43.6	1134	4	US-09-134-001C-363	Sequence 363, App
43	19.2	43.6	3114	3	US-08-946-026-12	Sequence 12, Appl
C 44	19.2	43.6	6305	4	US-08-687-580B-6	Sequence 6, Appl1
45	19.2	43.6	6305	4	US-08-961-527-162	Sequence 162, App

ALIGNMENTS

RESULT 1
PCT-US94-09752-1/c
; Sequence 1, Application PC/TUS9409752
; GENERAL INFORMATION:
; APPLICANT: David S. Strayer and Avinash Chander
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Targeting Cells and Modulating Pulmonary Surfactant Secreti
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09752
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/176,218
; FILING DATE: December 30, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/114,951
; FILING DATE: August 31, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: JEFF-0042
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1820
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
PCT-US94-09752-1

Query Match 52.3%; Score 23; DB 5; Length 1820;
Best Local Similarity 83.9%; Pred. No. 0.65;
Matches 26; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 TCTCTTTCAATTGTGCAAGCTGCCAAGAG 31
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Db 834 TCTCTTACAACTTGAACCAAGCTGCCAAGAG 804

RESULT 2

US-08-746-111-4/c
; Sequence 4, Application US/08746111
; Patent No. 6056778
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Cul, Jisong
; TITLE OF INVENTION: Compositions And Methods For Screening
; TITLE OF INVENTION: Compounds For Anticoagulant Activity
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,111
; FILING DATE: 06-NOV-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: UM-02536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6585 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 6..6554
; US-08-746-111-4

Query Match 49.18; Score 21.6; DB 3; Length 6585;
Best Local Similarity 68.28; Pred. No. 4.1;
Matches 30; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 1 TCTCTTTCAATTGTGCAAGCTGCCAAGAGCTTGAGTAGGAG 44
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Db 3579 TCTGATCCAACTTGTGAGAGATGTTAAAGAGGCTTAACTCTGAG 3536

RESULT 3

US-08-691-814B-96
; Sequence 96, Application US/08691814B
; Patent No. 5981218
; GENERAL INFORMATION:
; APPLICANT: Rio, Marie-Christine
; APPLICANT: Tomasetto, Catherine
; APPLICANT: Basset, Paul
; APPLICANT: Byrnie, Jennifer
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules Useful
; TITLE OF INVENTION: as Leukemia Markers and in Breast Cancer Prognosis
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Ave, NW, Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/691,814B
; FILING DATE: 31-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/002,183

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Ave, NW, Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/691,814B
; FILING DATE: 31-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/002,183
; FILING DATE: 09-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Steffe, Eric K.
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1383.0090001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2543
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 336 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE: cDNA
; US-08-691-814B-96

Query Match 47.38; Score 20.8; DB 2; Length 336;
Best Local Similarity 78.18; Pred. No. 3.6;
Matches 25; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 10 ATTGTGCAAGCTGCCAAGAGCTTGAGTAG 41
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Db 51 AATCTGGCATGCTGCCACAGGCTTGAGGAG 82

RESULT 4

US-08-691-814B-7/c
; Sequence 7, Application US/08691814B
; Patent No. 5981218
; GENERAL INFORMATION:
; APPLICANT: Rio, Marie-Christine
; APPLICANT: Tomasetto, Catherine
; APPLICANT: Basset, Paul
; APPLICANT: Byrnie, Jennifer
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules Useful
; TITLE OF INVENTION: as Leukemia Markers and in Breast Cancer Prognosis
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Ave, NW, Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/691,814B
; FILING DATE: 31-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/002,183

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RESULT 6
US-09-328-174A-1/c
; Sequence 1, Application US/09328174A
; Patent No. 6448003
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Kurth, Janice
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; TITLE OF INVENTION: (Strp2)
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/09/328,174A
; CURRENT FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 8396
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-1
Query Match          47.3%;   Score 20.8;   DB 4;   Length 8396
Best Local Similarity 78.1%;   Pred. No.10;
Matches 25; Conservative 0; Mismatches 7; Indels

QY    11 TTGTGGCAAGCTGCCAAGAGGCTTGACTAGG 42
      ||||| ||||||||| |||||
Db     950 TTCTGGTAAAGTTGCCAAGAGCCTCGGAAGG 919

RESULT 7
US-09-167-681-37/c
; Sequence 37, Application US/09167681A
; Patent No. 6265561
; GENERAL INFORMATION:
; APPLICANT: Weinschilboum, M.D., Richard M.
; APPLICANT: Raflogianis, Rebecca B.
; APPLICANT: Wood, Thomas C.
; APPLICANT: Otterness, Diane M.
; TITLE OF INVENTION: SULFOTRANSFERASE SEQUENCE VARIANTS
; FILE REFERENCE: 07039/118001
; CURRENT APPLICATION NUMBER: US/09/167,681A
; CURRENT FILING DATE: 1998-10-07
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 37
; LENGTH: 8397
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (3730)...(3879)
; NAME/KEY: CDS
; LOCATION: (3987)...(4112)
; NAME/KEY: CDS
; LOCATION: (4198)...(4293)
; NAME/KEY: CDS
; LOCATION: (6088)...(6213)
; NAME/KEY: CDS
; LOCATION: (6309)...(6404)
; NAME/KEY: CDS
; LOCATION: (7214)...(7393)
; NAME/KEY: CDS
; LOCATION: (7516)...(7629)
US-09-167-681-37
Query Match          47.3%;   Score 20.8;   DB 4;   Length 8400
Best Local Similarity 78.1%;   Pred. No.10;
Matches 25; Conservative 0; Mismatches 7; Indels

QY    11 TTGTGGCAAGCTGCCAAGAGG3CTTGACTAGG 42

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Db 950 TTCTGCTAAGTCCAGAGCGCTGGAAGG 919

RESULT 8

US-08-276-852-154/c
; Sequence 154, Application US/08276852
; Patent No. 5652138
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,852
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-276-852-154

Query Match 46.8%; Score 20.6; DB 1; Length 3282;
Best Local Similarity 85.2%; Pred. No. 9.2;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 12 TGTGGACAAGCTGCCAAGAGGCTTGAG 38
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Db 381 TGTGGAGAAGCTGCCGAGAGGCTCGTG 407

RESULT 9

US-08-276-852-169
; Sequence 169, Application US/08276852
; Patent No. 5652138
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,852
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 15..452
; US-08-276-852-154

Query Match 46.8%; Score 20.6; DB 1; Length 3282;
Best Local Similarity 85.2%; Pred. No. 9.2;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 12 TGTGGACAAGCTGCCAAGAGGCTTGAG 38
||||| ||||||| ||||||| ||
Db 2902 TGTGGAGAAGCTGCCGAGAGGCTCGTG 2876

RESULT 9

US-08-276-852-169
; Sequence 169, Application US/08276852
; Patent No. 5652138
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,852
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 15..452
; US-08-276-852-154

Query Match 46.8%; Score 20.6; DB 1; Length 3282;
Best Local Similarity 85.2%; Pred. No. 9.2;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 12 TGTGGACAAGCTGCCAAGAGGCTTGAG 38
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Db 2902 TGTGGAGAAGCTGCCGAGAGGCTCGTG 2876

RESULT 9

US-08-276-852-169
; Sequence 169, Application US/08276852
; Patent No. 5652138
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,852
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 15..452
; US-08-276-852-154

Query Match 46.8%; Score 20.6; DB 1; Length 3282;
Best Local Similarity 85.2%; Pred. No. 9.2;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 12 TGTGGACAAGCTGCCAAGAGGCTTGAG 38
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Db 2902 TGTGGAGAAGCTGCCGAGAGGCTCGTG 2876

RESULT 9

US-08-276-852-169
; Sequence 169, Application US/08276852
; Patent No. 5652138
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
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; COMPUTER: IBM PC compatible
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; SOFTWARE: PatentIn Release #1.0, Version #1.25
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; APPLICATION NUMBER: US/08/276,852
; FILING DATE: 18-JUL-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 15..452
; US-08-276-852-154

Query Match 46.8%; Score 20.6; DB 1; Length 3282;
Best Local Similarity 85.2%; Pred. No. 9.2;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 12 TGTGGACAAGCTGCCAAGAGGCTTGAG 38
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Db 2902 TGTGGAGAAGCTGCCGAGAGGCTCGTG 2876

RESULT 9

US-08-276

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; SOFTWARE: PatentIn Release #1.0, Version #1.25
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; FILING DATE: 24-JUL-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/276,852
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
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; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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; RESULT 11
; US-08-899-575-169
; Sequence 169, Application US/08899575
; Patent No. 5770440
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5770440th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
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; FILING DATE: 24-JUL-1997
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; FILING DATE: 18-JUL-1994
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; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
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; QY 12 TGTGGACAGCTGCCAAGAGGCTTGAG 38
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; RESULT 11
; US-08-899-575-169
; Sequence 169, Application US/08899575
; Patent No. 5770440
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5770440th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
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; FILING DATE: 24-JUL-1997
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; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
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; TELEFAX: 619-554-6312
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; STRANDEDNESS: double
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; RESULT 12
; US-08-899-575-154/c
; Sequence 154, Application US/08899575
; Patent No. 5804440
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5804440th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
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; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
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; TELEFAX: 619-554-6312
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; US-08-899-575-154/c
; Sequence 154, Application US/08899575
; Patent No. 5804440
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5804440th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
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; FILING DATE: 18-JUL-1994
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; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3282 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
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; US-08-899-575-169
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; FILING DATE: 24-JUL-1997
; CLASSIFICATION: 435
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; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 169:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3282 base pairs
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; Query Match 46.8%; Score 20.6; DB 1; Length 3282;
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; Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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; QY 12 TGTGGACAGCTGCCAAGAGGCTTGAG 38
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; Db 381 TGTGGAGAGCTGCCGAGAGGCTCGTG 407
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; RESULT 12
; US-08-899-575-154/c
; Sequence 154, Application US/08899575
; Patent No. 5804440
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5804440th Torrey Pines Road, Suite 220,
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/899,575
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; APPLICATION NUMBER: US 08/276,852
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; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCRI452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
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; TYPE: nucleic acid
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; US-08-899-575-169
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NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCR1452P
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 3282 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 15..452
US-08-899-575-154

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; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
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; FILING DATE: 11-JUL-1995
; PRIOR APPLICATION DATA:
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; FILING DATE: 18-JUL-1994
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; LOCATION: 15..452
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; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION NUMBER: PCT/US95/08743
; FILING DATE: 11-JUL-1995
; PRIOR APPLICATION DATA:

NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCR1452P
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 3282 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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NAME/KEY: CDS
LOCATION: 15..452
US-08-899-575-154

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; Patent No. 580440
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Barbas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 580440th Torrey Pines Road, Suite 220,
; STREET: Mail Drop TPC8
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
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; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCR1452P
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PCT-US95-08743-169

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Job time : 5.61224 secs

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GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

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Listing first 45 summaries

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3	36.2	7.1	2234 5 PCT-US95-07744A-7 Sequence 7, Appl
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C 5	34	6.7	3946 3 US-09-083-351-1 Sequence 1, Appl
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8	33.4	6.6	1919 4 US-09-705-299-14 Sequence 14, Appl
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C 10	33	6.5	9048 4 US-08-961-527-159 Sequence 159, App
11	32.8	6.5	5401 4 US-09-269-040-1 Sequence 1, Appl
12	32.6	6.4	98844 4 US-09-791-211-10 Sequence 10, Appl
C 13	32.4	6.4	1313 4 US-09-149-476-112 Sequence 112, App
C 14	32.4	6.4	8920 2 US-08-446-858A-1 Sequence 1, Appl
C 15	32.4	6.4	8920 4 US-09-150-741-1 Sequence 1, Appl
C 16	32.4	6.4	43360 4 US-09-453-702B-206 Sequence 206, App
C 17	32.4	6.4	45325 4 US-09-453-702B-261 Sequence 261, App
C 18	32.2	6.4	12124 1 US-08-181-271A-36 Sequence 36, Appl
C 19	32.2	6.4	12124 1 US-08-449-315-36 Sequence 36, Appl
C 20	32.2	6.4	12124 1 US-08-444-803-36 Sequence 36, Appl
C 21	32.2	6.4	12124 1 US-08-449-043-36 Sequence 36, Appl
C 22	32.2	6.4	12124 1 US-08-456-265A-36 Sequence 36, Appl
C 23	32.2	6.4	12124 1 US-08-455-416-36 Sequence 36, Appl
C 24	32.2	6.4	12124 1 US-08-455-244-36 Sequence 36, Appl
C 25	32.2	6.4	12124 1 US-08-454-876-36 Sequence 36, Appl
C 26	32.2	6.4	12124 2 US-08-457-364-36 Sequence 36, Appl
C 27	32.2	6.4	12124 2 US-08-456-262-36 Sequence 36, Appl

c 28	32.2	6.4	12124	2	US-08-456-240-36	Sequence 36, Appl
c 29	32.2	6.4	12124	2	US-08-455-736-36	Sequence 36, Appl
c 30	32.2	6.4	12124	2	US-08-971-217-36	Sequence 36, Appl
c 31	32.2	6.4	12124	4	US-09-350-600-36	Sequence 36, Appl
c 32	32	6.3	2781	3	US-08-749-522-4	Sequence 4, Appl
c 33	32	6.3	37948	4	US-09-251-645-11	Sequence 11, Appl
c 34	31.8	6.3	4137	3	US-08-750-357-7	Sequence 7, Appl
c 35	31.6	6.2	4817	1	US-07-951-715A-18	Sequence 18, Appl
c 36	31.6	6.2	4817	2	US-08-459-448A-18	Sequence 18, Appl
c 37	31.6	6.2	4817	3	US-08-459-595A-18	Sequence 18, Appl
c 38	31.6	6.2	4817	3	US-08-459-504B-18	Sequence 18, Appl
c 39	31.6	6.2	4817	3	US-08-459-444-18	Sequence 18, Appl
c 40	31.6	6.2	4817	4	US-09-547-422-18	GENERAL INFORMA
c 41	31.4	6.2	12597	4	US-09-705-299-12	Sequence 12, Appl
c 42	31.2	6.2	1230	4	US-09-140-466-1	Sequence 1, Appl
c 43	31	6.1	3364	2	US-08-735-609-9	Sequence 9, Appl
c 44	31	6.1	3364	2	US-08-735-609-9	Sequence 9, Appl
c 45	31	6.1	3364	3	US-09-315-372-9	Sequence 9, Appl

ALIGNMENTS

RESULT 1
US-08-232-463-14
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZgpt-Fls
US-08-232-463-14

Query Match 8.2%; Score 41.4; DB 1; Length 7218;

Best Local Similarity 5.1%, Pred. No. 0.0071:
Matches 21; Conservative 212; Mismatches 178; Indels 0; Gaps 0:

```
QY      31 GAACCTTCCTGGCCACCATTAAACAATATCTCCTCAACNAITTTGTTAGTAATAATTTTG 90  
|| : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :  
Db      1064 GATYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1123  
  
QY      91 CTAATAGTACCTAATTTTAGTAGGACACTGTGTTTATACATATATCCATCTCCTCTTTT 150  
:: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :  
Db      1124 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1183  
  
QY      151 TTGAATGTCTTCTGTTTAAATGGCAGCTACCTCTCTTGCGCATCTAGCAGAATGAGCTGC 210  
:: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :  
Db      1184 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1243  
  
QY      211 TCAGTTTTACAAAAGATGGAGATCAGAGTACTTTTGTGCCACCAACGCTGCTGAG 270  
: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :  
Db      1244 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1303  
  
QY      271 AAATTTGTAGTGTACTATCATCACATTACTTTTATTTTCATCGAATATTTCCACCTTCC 330  
|| : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :  
Db      1304 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1363  
  
QY      331 GTPCTCGCTGGCCGAGAGATGCGGTAGCGATGCTGTACGATGCTAGTGTAACTCAC 390  
: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :  
Db      1364 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1423  
  
QY      391 AGCCCTTCCTGCCGAACTGTGGAGGCGCTTTTGGAGCTGTGCAGACA 441  
: : : : : : : : : : ||| | | | | | | | | | | | | | | | | | | |  
Db      1424 YYYYYYYYYGTCAAATCTCTATCTCTTTAACTACTTGCATAGATA 1474
```

RESULT 2
US-08-261-822A-7
Sequence 7, Application US/08261822A
Patent No. 5650553
GENERAL INFORMATION:
APPLICANT: Ecker, Joseph R. et al.
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
TITLE OF INVENTION: and Pathogens
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/261,822A
FILING DATE: 17-JUN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 2234 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-261-822A-7

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Query Match          7.1%; Score 36.2; DB 1; Length 2234;
Best Local Similarity 45.8%; Pred. No. 0.16;
Matches 125; Conservative 0; Mismatches 148; Indels 0; Gaps

QY  42  CGCCACCATTAAACAATATCTCTACCAATTTGGTAGTAAATATTTTCTCTAATAGTACC 101
      ||||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db   31  CACACACAGACATAATTAATGCTCTTTCTTTCTTTCCCATGTGATCTTTTAAACAGACITTTCT 90
      ||||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY  102 TAATTTTTAGTAGGACACTGTGTTTATACATATATCCATTCCTCTTTTGTGATGTCTT 161
      ||||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db   91  TCTATATCTCCATCTCTGAAGTTGTGGGATTCATCAAGACITTCCTTATCTGTCTCTTTT 150
      ||||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY  162 TCTGTTTAAATGGGAGCTACCTCTCTTTGGCATCTACAGAAAGAGCTGCTGCAGTTTACA 221
      ||| ||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db   151 ATAAACAAGAGAGAGATACCACTTTTGGTGTCTTTTATTGTCAACTCTTTTCAGGTTAA 210
      ||| ||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY  222 CAAAAGAATGGAGATCAGAGTACTTTTCTGCGCACCAAGCTCTCTGAGAAATTTCTAGT 281
      ||| ||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db   211 GAAATCATAGGCTCTCTTCTTCAATGTGGTGAAGAGACATGATGATGTTTAAACGAGAT 270
      ||||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY  282 GTTACTATCATCACATATCTACTTTTATTTTCATC 314
      ||||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db   271 GGGAACTGTGAAACATGGATTTCTTCTCTTC 303
      ||||| ||| ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

RESULT 3
PCT-US95-07744A-7
; Sequence 7, Application PC/TUS9507744A
; GENERAL INFORMATION:
; APPLICANT: Trustees of The University of Pennsylvania
; TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
; TITLE OF INVENTION: and Pathogens
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07744A
; FILING DATE: 15-JUNE-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/261,822
; FILING DATE: June 17, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2234 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US95-07744A-7

```


RESULT 6
US-09-083-352-1/c
; Sequence 1, Application US/09083352
; Patent No. 6207450
; GENERAL INFORMATION:
; APPLICANT: Sheffield, Val C.
; APPLICANT: Alward, Wallace L.M.
; APPLICANT: Stone, Edwin M.
; APPLICANT: Nishimura, Darryl
; APPLICANT: Patil, Shiva
; TITLE OF INVENTION: GLAUCOMA THERAPEUTICS AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,352
; FILING DATE: 22-MAY-1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: UIA-029.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3946 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 475..2133
; us-09-083-352-1

Query Match 6.7%; Score 34; DB 4; Length 3946;
Best Local Similarity 50.0%; Pred. No. 1;
Matches 85; Conservative 0; Mismatches 85; Indels 0; Gaps 0;

Qy 83 ATATTTTGCTAATAGTACCTAATTTTATAGTAGGACACTGTGTTATACATATATCCATTTC 142
Db 3164 AAAATTCGGAATCATGGACTGTCATTAGTGAGAAAACGATTGTTTATATGCCAACTC 3105

Qy 143 CTTCTTTTTCATGTCCTTTTCGTTTAAATGGCAGCTACCTCTCTTGGCATCTAGCAGAA 202
Db 3104 CAATCTGTTTGAAGAAAATATCTTTTACTAGCCCTCAAGCAAGCTGACTATATAGTACAT 3045

Qy 203 TGAGCTGCTGCAGTTTACACAAAAGAAATGGAGATCAGAGTACTTTTGT 252
Db 3044 TTTCGAGAAGATGCTGGCAGGAATAATACTAAACAAAAGACTTTTAGT 2995

RESULT 7
US-09-345-882-1/c
; Sequence 1, Application US/09345882
; Patent No. 6399373
; GENERAL INFORMATION:
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)

; TITLE OF INVENTION: AND POLYMORPHIC MARKERS ASSOCIATED WITH SAID NUCLEIC ACID.
; FILE REFERENCE: GENSET.031A
; CURRENT APPLICATION NUMBER: US/09/345,882
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: US 60/091,315
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/111,909
; PRIOR FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: Patent.pm
; SEQ ID NO 1
; LENGTH: 162450
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 72794
; OTHER INFORMATION: 5-124-273 : polymorphic base A or G
; FEATURE:
; NAME/KEY: allele
; LOCATION: 88073
; OTHER INFORMATION: 5-127-261 : polymorphic base A or C
; FEATURE:
; NAME/KEY: allele
; LOCATION: 90842
; OTHER INFORMATION: 99-1437-325 : polymorphic base A or G
; FEATURE:
; NAME/KEY: allele
; LOCATION: 93714
; OTHER INFORMATION: 5-128-60 : polymorphic base deletion of GT
; FEATURE:
; NAME/KEY: allele
; LOCATION: 97122
; OTHER INFORMATION: 99-1442-224 : polymorphic base G or T
; FEATURE:
; NAME/KEY: allele
; LOCATION: 97152
; OTHER INFORMATION: 5-129-144 : polymorphic base deletion of T
; FEATURE:
; NAME/KEY: allele
; LOCATION: 99098
; OTHER INFORMATION: 5-130-257 : polymorphic base A or G
; FEATURE:
; NAME/KEY: allele
; LOCATION: 99117
; OTHER INFORMATION: 5-130-276 : polymorphic base A or G
; FEATURE:
; NAME/KEY: allele
; LOCATION: 103806
; OTHER INFORMATION: 5-131-395 : polymorphic base A or T
; FEATURE:
; NAME/KEY: allele
; LOCATION: 106940
; OTHER INFORMATION: 5-133-375 : polymorphic base insertion of A
; FEATURE:
; NAME/KEY: allele
; LOCATION: 108106
; OTHER INFORMATION: 5-135-155 : polymorphic base insertion of A
; FEATURE:
; NAME/KEY: allele
; LOCATION: 108149
; OTHER INFORMATION: 5-135-198 : polymorphic base insertion of GTTT
; FEATURE:
; NAME/KEY: allele
; LOCATION: 108308
; OTHER INFORMATION: 5-135-357 : polymorphic base A or G
; FEATURE:
; NAME/KEY: allele
; LOCATION: 108471
; OTHER INFORMATION: 5-136-174 : polymorphic base C or T
; FEATURE:
; NAME/KEY: allele
; LOCATION: 134134

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OTHER INFORMATION: 5-140-120 : polymorphic base C or T
FEATURE:
NAME/KEY: allele
LOCATION: 134362
OTHER INFORMATION: 5-140-348 : polymorphic base insertion of A
FEATURE:
NAME/KEY: allele
LOCATION: 134374
OTHER INFORMATION: 5-140-361 : polymorphic base insertion of CA
FEATURE:
NAME/KEY: allele
LOCATION: 146328
OTHER INFORMATION: 5-143-84 : polymorphic base A or G
FEATURE:
NAME/KEY: allele
LOCATION: 146345
OTHER INFORMATION: 5-143-101 : polymorphic base A or C
FEATURE:
NAME/KEY: allele
LOCATION: 150329
OTHER INFORMATION: 5-145-24 : polymorphic base A or G
FEATURE:
NAME/KEY: allele
LOCATION: 160031
OTHER INFORMATION: 5-148-352 : polymorphic base G or T
FEATURE:
NAME/KEY: allele
LOCATION: 72771..72817
OTHER INFORMATION: polymorphic fragment 5-124-273 SEQ ID30
FEATURE:
NAME/KEY: allele
LOCATION: 72771..72817
OTHER INFORMATION: polymorphic fragment 5-124-273 SEQ ID51
FEATURE:
NAME/KEY: allele
LOCATION: 88050..88096
OTHER INFORMATION: polymorphic fragment 5-127-261 SEQ ID31
FEATURE:
NAME/KEY: allele
LOCATION: 88050..88096
OTHER INFORMATION: polymorphic fragment 5-127-261 SEQ ID52
FEATURE:
NAME/KEY: allele
LOCATION: 90819..90865
OTHER INFORMATION: complement polymorphic fragment 99-1437-325 SEQ ID49
FEATURE:
NAME/KEY: allele
LOCATION: 90819..90865
OTHER INFORMATION: complement polymorphic fragment 99-1437-325 SEQ ID70
FEATURE:
NAME/KEY: allele
LOCATION: 93690..93736
OTHER INFORMATION: polymorphic fragment 5-128-60 SEQ ID32
FEATURE:
NAME/KEY: allele
LOCATION: 93690..93736
OTHER INFORMATION: polymorphic fragment 5-128-60 SEQ ID53
FEATURE:
NAME/KEY: allele
LOCATION: 97099..97145
OTHER INFORMATION: polymorphic fragment 99-1442-224 SEQ ID50
FEATURE:
NAME/KEY: allele
LOCATION: 97099..97145
OTHER INFORMATION: polymorphic fragment 99-1442-224 SEQ ID71
FEATURE:
NAME/KEY: allele
LOCATION: 97130..97177
OTHER INFORMATION: polymorphic fragment 5-129-144 SEQ ID33
FEATURE:
NAME/KEY: allele
LOCATION: 97130..97177
OTHER INFORMATION: polymorphic fragment 5-129-144 SEQ ID54
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FEATURE:
NAME/KEY: allele
LOCATION: 99075..99121
OTHER INFORMATION: polymorphic fragment 5-130-257 SEQ ID34
FEATURE:
NAME/KEY: allele
LOCATION: 99075..99121
OTHER INFORMATION: polymorphic fragment 5-130-257 SEQ ID55
FEATURE:
NAME/KEY: allele
LOCATION: 99094..99140
OTHER INFORMATION: polymorphic fragment 5-130-276 SEQ ID35
FEATURE:
NAME/KEY: allele
LOCATION: 99094..99140
OTHER INFORMATION: polymorphic fragment 5-130-276 SEQ ID56
FEATURE:
NAME/KEY: allele
LOCATION: 103783..103828
OTHER INFORMATION: polymorphic fragment 5-131-395 SEQ ID36
FEATURE:
NAME/KEY: allele
LOCATION: 103783..103828
OTHER INFORMATION: polymorphic fragment 5-131-395 SEQ ID57
FEATURE:
NAME/KEY: allele
LOCATION: 106918..106966
OTHER INFORMATION: polymorphic fragment 5-133-375 SEQ ID37
FEATURE:
NAME/KEY: allele
LOCATION: 106918..106966
OTHER INFORMATION: polymorphic fragment 5-133-375 SEQ ID58
FEATURE:
NAME/KEY: allele
LOCATION: 108084..108130
OTHER INFORMATION: polymorphic fragment 5-135-155 SEQ ID38
FEATURE:
NAME/KEY: allele
LOCATION: 108084..108130
OTHER INFORMATION: polymorphic fragment 5-135-155 SEQ ID59
FEATURE:
NAME/KEY: allele
LOCATION: 108127..108177
OTHER INFORMATION: polymorphic fragment 5-135-198 SEQ ID39
FEATURE:
NAME/KEY: allele
LOCATION: 108127..108177
OTHER INFORMATION: polymorphic fragment 5-135-198 SEQ ID60
FEATURE:
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Query Match 6.7%; Score 34; DB 4; Length 162450;
Best Local Similarity 53.8%; Pred. No. 5.7;
Matches 70; Conservative 0; Mismatches 60; Indels 0; Gaps 0;

QY 59 TATCTCTACCAATTTGGTAGTAATAATTTTGCATAGTACCTAATTTTAGGTAGGCA 118
||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| |
Db 150592 TATATTTTAAATAATTAGAGATTTACACACTTACTGCCTTTTCCCTCTCTTTTGTGTTTAC 150533

QY 119 CTGTGTTTATACATATATCCATTCCTCTTTTGTGATTCGTTTAAATGGGAGC 178
| ||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| |
Db 150532 CACTGTGCTTTATGGCTTCTTTTCTGCTTTTGTGTAACCTTCCCTCCCTGAGCATC 150473

QY 179 TACCTCTCTT 188
| | ||| |
Db 150472 TTTCACCTCTT 150463
```

```
RESULT 8
US-09-705-299-14
; Sequence 14, Application US/09705299
; Patent No. 6440737
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
```

APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE
FILE REFERENCE: RTS-0174
CURRENT APPLICATION NUMBER: US/09/705,299
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 14
LENGTH: 1919
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION:
NAME/KEY: unsure
LOCATION: 1015
OTHER INFORMATION: unknown
NAME/KEY: unsure
LOCATION: 1824
OTHER INFORMATION: unknown
NAME/KEY: CDS
LOCATION: (97)...(684)
US-09-705-299-14

Query Match 6.6%; Score 33.4; DB 4; Length 1919;
Best Local Similarity 52.1%; Pred. No. 1.1;
Matches 73; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

QY 44 CCACCCATAAACAATATCTCTACCAATTTGGTAGTAATAATTTTGGCTAATAGTACCTA 103
DB 915 CCAAGCATCATCATTTTCCACCAAGTATTTTAAAGTATGTCTCTAAAGGAAGAATA 974
QY 104 ATTTTAGTAGGACGCTGCTTTATACATATCCATCTCTTTTGGATGCTCTTC 163
DB 975 CATATTTTATTTGACATATGTTGGAGCTTTAAATTAATATATATATATATATTTTAC 1034

QY 164 TGTTAATGGCAGCTACCT 183
DB 1035 AGTTTACAGGATACTTTCT 1054

RESULT 9
US-08-213-419B-3
Sequence 3, Application US/08213419B
Patent No. 6333406
GENERAL INFORMATION:
APPLICANT: Inselburg, J. et al.
TITLE OF INVENTION: GENE ENCODING PROTEIN ANTIGENS OF PLASMODIUM FALCIPARUM
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: JII-002CNC
CURRENT APPLICATION NUMBER: US/08/213,419B
CURRENT FILING DATE: 1994-03-14
PRIOR APPLICATION NUMBER: US 07/870,506
PRIOR FILING DATE: 1992-04-17
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 6124
TYPE: DNA
ORGANISM: Plasmodium falciparum
FEATURE:
NAME/KEY: CDS
LOCATION: (2407)..(2439)
NAME/KEY: CDS
LOCATION: (2598)..(3404)
NAME/KEY: CDS
LOCATION: (3580)..(3720)
NAME/KEY: CDS
LOCATION: (3850)..(5835)
US-08-213-419B-3

Query Match 6.5%; Score 33.2; DB 4; Length 6124;
Best Local Similarity 56.4%; Pred. No. 2.2;
Matches 62; Conservative 0; Mismatches 48; Indels 0; Gaps 0;

QY 59 TATCTCTACCAATTTGGTAGTAATAATTTTGGCTAATAGTACCTAATTTTAGTAGGCA 118
DB 5954 TATCATGTACCTCTAATAATATATATAAATATATATATATATTTTATTTTAAAGAA 6013
QY 119 CTGTGTTTATACATATATCCATCTCTCTTTTGGATTGCTCTTCTGTTT 168
DB 6014 TATTTTATTCATGTAATAATATCTTTTATTTTATTTTATTTTATTTT 6063

RESULT 10

US-08-961-527-159/c
Sequence 159, Application US/08961527
Patent No. 6420135
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
NUMBER OF SEQUENCES: 391
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,527
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PB340P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 159:
SEQUENCE CHARACTERISTICS:
LENGTH: 9048 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-961-527-159

Query Match 6.5%; Score 33; DB 4; Length 9048;
Best Local Similarity 55.8%; Pred. No. 3;
Matches 63; Conservative 0; Mismatches 50; Indels 0; Gaps 0;

QY 2 GAGTAATCTTAATCACAGGATTTTAAAGAAATCTCTCGCCGCCATTAACAAATAT 61
DB 3322 GAATAATCCGTACAATCTGATTACATTCATAAATCTCCGTCACCTTTTATTTAAAG 3263
QY 62 CTCTACCAATTTGGTAGTAATAATTTTGGCTAATAGTACCTAATTTTAGGTA 114
DB 3262 GATTTTAGAATTTTACAAAGATATATGCTCAAAATTTAACATTATTTAGCTA 3210

RESULT 11

US-09-269-040-1
Sequence 1, Application US/09269040
Patent No. 6294712
GENERAL INFORMATION:
APPLICANT: KLEINE, Michael
APPLICANT: CAI, Daguang
TITLE OF INVENTION: NEMATODE RESISTANCE GENE
FILE REFERENCE: 032982/0110


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; NAME/KEY: unsure
; LOCATION: 65468
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
; LOCATION: 65469
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
; LOCATION: 65470
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
; LOCATION: 65471
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
; LOCATION: 87130
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
; LOCATION: 89049
; OTHER INFORMATION: unknown
; OTHER INFORMATION:
; US-09-791-211-10

Query Match      6.4%; Score 32.6; DB 4; Length 98844;
Best Local Similarity 48.2%; Pred. No. 12;
Matches 92; Conservative 0; Mismatches 99; Indels 0; Gaps 0;

Qy 128 TACATATATCAATCCCTCTTTTGGATTGCTTCTGTTTAAATGGCAGCTACCTCTCT 187
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 19797 TAAATTTTATCTTCTTTTATTTTATTTAGCTGCTATTGTTAAATGCACTTACTTCTT 19856

Qy 188 TGGCATCTAGCAAGATGAGCTGCTGCAAGTTTACACAAAAGAAATGGAGATCAGAGTACTT 247
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 19857 AGTTTCCTTTTCAGATTGTTTCATTTCTGGTGATATAACACAGCTGATATTTCAACGTTGAT 19916

Qy 248 TTTTGGCCACCAAGCTGCTCAGAAAATTTAGTGTTACTATATCATACATACITTTTA 307
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 19917 GTTGACTCTGAAACTTTGTTGAATTTACTTATTAGATCTAGTACGTTCTTTTGAGATTT 19976

Qy 308 TTTCATCGAAT 318
    || || || || ||
Db 19977 TTATATGGGAT 19987

RESULT 13
US-09-149-476-112/c
; Sequence 112, Application US/09149476
; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002P1
; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: US/09/149,476
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/047,600
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,615
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,633
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,583
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,617
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,618
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,503
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,592
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,581
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,584
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,500
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,587
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,492
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,598
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,613
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,582
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,632
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,601
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,569
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,311
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,671
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,674
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,669
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,312
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,313
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,672
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,315
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/048,974
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/056,886
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,877
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,889
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,893
; EARLIER FILING DATE: 1997-08-22
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; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 8920 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: genomic
; US-08-446-855A-1

Query Match      6.4%; Score 32.4; DB 2; Length 8920;
Best Local Similarity 53.1%; Pred. No. 4.6;
Matches 69; Conservative 0; Mismatches 61; Indels 0; Gaps 0;

QY 81 AAATATTTTGCCTAATAGTACCTAATTTTATAGGTAGGCACCTGTGTTATACATATATCCAT 140
   ||| |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1196 AAAAAATTTATATACCTTGTGATGGTAGCATTTATACATATATATATATATATATAT 1137
   ||| |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 141 TCCTTCCTTTTTCATGTCCTCTCTGTTTAAATGGGACGTACCTCTCTGGCATCTAGCAG 200
   ||| |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1136 ATATATTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTT 1077
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QY 201 AATGAGCTGC 210
   ||| |||
Db 1076 TATGTTGTGC 1067

RESULT 15
US-09-150-741-1/c
; Sequence 1, Application US/09150741
; Patent No. 6183996
; GENERAL INFORMATION:
; APPLICANT: Stewart et al.
; TITLE OF INVENTION: Nucleotide Sequence Encoding Carbamoyl Phosphate
; FILE REFERENCE:
; TITLE OF INVENTION: Synthetase II
; CURRENT APPLICATION NUMBER: US/09/150,741
; CURRENT FILING DATE: 1998-09-10
; EARLIER APPLICATION NUMBER: PL6380
; EARLIER FILING DATE: 1992-12-16
; EARLIER APPLICATION NUMBER: AU93/00617
; EARLIER FILING DATE: 1993-12-02
; EARLIER APPLICATION NUMBER: 08/446,855
; EARLIER FILING DATE: 1995-07-06
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 8920
; TYPE: DNA
; ORGANISM: Plasmodium falciparum
US-09-150-741-1

Query Match      6.4%; Score 32.4; DB 4; Length 8920;
Best Local Similarity 53.1%; Pred. No. 4.6;
Matches 69; Conservative 0; Mismatches 61; Indels 0; Gaps 0;

QY 81 AAATATTTTGCCTAATAGTACCTAATTTTATAGGTAGGCACCTGTGTTATACATATATCCAT 140
   ||| |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1196 AAAAAATTTATATACCTTGTGATGGTAGCATTTATACATATATATATATATATATATAT 1137
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QY 141 TCCTTCCTTTTTCATGTCCTCTCTGTTTAAATGGGACGTACCTCTCTGGCATCTAGCAG 200
   ||| |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1136 ATATATTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTT 1077
   ||| |||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 201 AATGAGCTGC 210
   ||| |||
Db 1076 TATGTTGTGC 1067
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OM nucleic - nucleic search, using sw model

Run on: December 21, 2002, 13:23:00 : Search time 27.5473 Seconds
(without alignments)
5165.587 Million cell updates/sec

Title: US-09-617-174C-1_COPY_451_914

Perfect score: 464

Sequence: 1 ttgagtaactcctaatcacagg.....gcaacttcagcctgaatcat 464

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

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- 2: /cgn2.6/ptodata/2/ina/5B_COMB.seq:*
- 3: /cgn2.6/ptodata/2/ina/6A_COMB.seq:*
- 4: /cgn2.6/ptodata/2/ina/6B_COMB.seq:*
- 5: /cgn2.6/ptodata/2/ina/PTUS_COMB.seq:*
- 6: /cgn2.6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	41.4	8.9	7218	1 US-08-232-463-14	Sequence 14, Appl
2	36.2	7.8	2234	1 US-08-261-822A-7	Sequence 7, Appl
3	36.2	7.8	2234	5 PCT-US95-07744A-7	Sequence 7, Appl
C 4	34.8	7.5	1494	4 US-09-071-035-341	Sequence 341, App
C 5	34	7.3	3946	3 US-09-083-351-1	Sequence 1, Appl
C 6	34	7.3	3946	4 US-09-083-352-1	Sequence 1, Appl
C 7	34	7.3	162450	4 US-09-345-882-1	Sequence 1, Appl
8	33.4	7.2	1919	4 US-09-705-299-14	Sequence 14, Appl
9	33.2	7.2	6124	4 US-08-213-419B-3	Sequence 3, Appl
C 10	33	7.1	9048	4 US-08-961-527-159	Sequence 159, App
11	32.8	7.1	5401	4 US-09-269-040-1	Sequence 1, Appl
12	32.6	7.0	98844	4 US-09-791-211-10	Sequence 10, Appl
C 13	32.4	7.0	1313	4 US-09-149-476-112	Sequence 112, App
C 14	32.4	7.0	8920	2 US-08-446-855A-1	Sequence 1, Appl
C 15	32.4	7.0	8920	4 US-09-150-741-1	Sequence 1, Appl
C 16	32.4	7.0	43360	4 US-09-453-702B-206	Sequence 206, App
C 17	32.4	7.0	45325	4 US-09-453-702B-261	Sequence 261, App
C 18	32.2	6.9	12124	1 US-08-181-271A-36	Sequence 36, Appl
C 19	32.2	6.9	12124	1 US-08-449-315-36	Sequence 36, Appl
C 20	32.2	6.9	12124	1 US-08-444-803-36	Sequence 36, Appl
C 21	32.2	6.9	12124	1 US-08-449-043-36	Sequence 36, Appl
C 22	32.2	6.9	12124	1 US-08-456-265A-36	Sequence 36, Appl
C 23	32.2	6.9	12124	1 US-08-455-416-36	Sequence 36, Appl
C 24	32.2	6.9	12124	1 US-08-455-244-36	Sequence 36, Appl
C 25	32.2	6.9	12124	1 US-08-454-876-36	Sequence 36, Appl
C 26	32.2	6.9	12124	2 US-08-457-364-36	Sequence 36, Appl
C 27	32.2	6.9	12124	2 US-08-456-262-36	Sequence 36, Appl

C 28	32.2	6.9	12124	2 US-08-456-240-36	Sequence 36, Appl
C 29	32.2	6.9	12124	2 US-08-455-736-36	Sequence 36, Appl
C 30	32.2	6.9	12124	2 US-08-971-217-36	Sequence 36, Appl
C 31	32.2	6.9	12124	4 US-09-350-600-36	Sequence 4, Appl
C 32	32	6.9	2781	3 US-08-749-522-4	Sequence 11, Appl
C 33	32	6.9	37948	4 US-09-251-645-11	Sequence 7, Appl
C 34	31.8	6.9	4137	3 US-08-750-357-7	Sequence 18, Appl
C 35	31.6	6.8	4817	1 US-07-951-715A-18	Sequence 18, Appl
C 36	31.6	6.8	4817	2 US-08-459-448A-18	Sequence 18, Appl
C 37	31.6	6.8	4817	3 US-08-459-595A-18	Sequence 18, Appl
C 38	31.6	6.8	4817	3 US-08-459-504B-18	Sequence 18, Appl
C 39	31.6	6.8	4817	3 US-08-459-444-18	Sequence 18, Appl
C 40	31.6	6.8	4817	3 US-09-547-422-18	Sequence 12, Appl
C 41	31.4	6.8	12597	4 US-09-705-299-12	Sequence 12, Appl
C 42	31.2	6.7	1230	4 US-09-140-466-1	Sequence 9, Appl
C 43	31	6.7	3364	2 US-08-735-609-9	Sequence 9, Appl
C 44	31	6.7	3364	2 US-08-735-609-9	Sequence 9, Appl
C 45	31	6.7	3364	3 US-09-315-372-9	Sequence 9, Appl

ALIGNMENTS

RESULT 1
US-08-232-463-14
: Sequence 14, Application US/08232463
: Patent No. 5670367
: GENERAL INFORMATION:
: APPLICANT: DORNER, F.
: APPLICANT: SCHEIFLINGER, F.
: APPLICANT: FALKNER, F. G.
: TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
: NUMBER OF SEQUENCES: 52
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Foley & Lardner
: STREET: 1800 Diagonal Road, Suite 500
: CITY: Alexandria
: STATE: VA
: COUNTRY: USA
: ZIP: 22313-0299
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/232,463
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/07/935,313
: FILING DATE:
: APPLICATION NUMBER: EF 91 114 300.6
: FILING DATE: 26-AUG-1991
: ATTORNEY/AGENT INFORMATION:
: NAME: BENT, Stephen A.
: REGISTRATION NUMBER: 29,768
: REFERENCE/DOCKET NUMBER: 30472/114 IMMU
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703)836-9300
: TELEFAX: (703)683-4109
: TELEX: 899149
: INFORMATION FOR SEQ ID NO: 14:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 7218 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: IMMEDIATE SOURCE:
: CLONE: PTZ9pt-F1s
US-08-232-463-14

Query Match 8.9%, Score 41.4; DB 1; Length 7218;

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Best Local Similarity 5.1%; Pred. No. 0.0069;
Matches 21; Conservative 212; Mismatches 178; Indels 0; Gaps 0;

QY 31 GAAACTTCCTGCCGCCACCATTAACAATATCTCCTACCACATTTGGTAGTAATAATTTTG 90
  || : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1064 GATYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1123
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 91 CTAATAGTACTAATTTTAGGTAGGACACTGTCTTTATACATATATCCATTCCTTTT 150
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1124 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1183
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 151 TTGATTCCTCTTCTTATGTCAGCAGCTACCTCTCTGCGACTAGCAGATGAGCTGC 210
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1184 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1243
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 211 TGCAGTTTACACAAAAGAAATGAGATCAGAGTACTTTTGTGCCACCAACGTCTGAG 270
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1244 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1303
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 271 AAATTTAGTGTACTATCATCACACATTAATTTTATTCATCGAATATTCACCTTCC 330
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1304 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1363
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 331 GGTCTCGTGGCGGAGAGATGCGGTACGATGCTGTACGTATGCAATGTAACCTCAC 390
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1364 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY 1423
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 391 AGCCCTCTCTGCCGCAACATGTTGGAGCCTTTTGAAGCTGTGCGAGACA 441
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1424 YYYYYYYYYYGTACCAAAATCTCTCTTAACTACTTGCATAGATA 1474

RESULT 2
US-08-261-822A-7
; Sequence 7, Application US/08261822A
; Patent No. 5650553
; GENERAL INFORMATION:
; APPLICANT: Ecker, Joseph R. et al.
; TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/261.822A
; FILING DATE: 17-JUN-1994
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2234 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-261-822A-7
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Query Match 7.8%; Score 36.2; DB 1; Length 2234;
Best Local Similarity 45.8%; Pred. No. 0.16;
Matches 125; Conservative 0; Mismatches 148; Indels 0; Gaps 0;

QY 42 CGCCACCCATTAAACAATATCTCCTACCACATTTGGTAGTAATAATTTGCTAATAGTACC 101
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 31 CACCACACAGTAATAATAGTCTCTCTTTCTTCCCATGTGATCTTTTAAACAGACTTTTCT 90
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 102 TAAATTTTGTAGTAGGCACTGTCTTATACATATATCCATTCCTTTTGTGATGTCTT 161
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 91 TCTTATTCCTCCATCTCTGAAAGTTGTGGGATTCATCAAGACTTCTCTATCTGTTCTTT 150
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 162 TCTGTTTAAATGGCAGCTACCTCTCTTGGCATCTAGCAGAATGAGCTGCTCCAGTTTACA 221
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 151 ATAAACACAGAGAGATACCACTTTTGGTGTCTTTATTTGCAACTCTTTTCAGGTTAAA 210
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 222 CAAAAGAAATGAGATCAGAGTACTTTTGTGCCACCAACGTTGCTGAGAAATTTGTAGT 281
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 211 GAAATCGATAGCTCTGTCTTGTGATTTGGTGAAGAGACATGATGATGTTTAAACGAGAT 270
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 282 GTTACTATATCATCACACATTAATTTTATTTCATC 314
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 271 GGAATGTATGAAACATGATTTCTCTCTTC 303
  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

RESULT 3
PCT-US95-07744A-7
; Sequence 7, Application PC/TUS9507744A
; GENERAL INFORMATION:
; APPLICANT: Trustees of The University of Pennsylvania
; TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07744A
; FILING DATE: 15-JUNE-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/261,822
; FILING DATE: June 17, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2234 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US95-07744A-7

Query Match 7.8%; Score 36.2; DB 5; Length 2234;
Best Local Similarity 45.8%; Pred. No. 0.16;
Matches 125; Conservative 0; Mismatches 148; Indels 0; Gaps 0;
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;	OTHER INFORMATION: 5-140-120	:	polymorphic base C or T
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 134362		
;	OTHER INFORMATION: 5-140-348	:	polymorphic base insertion of A
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 134374		
;	OTHER INFORMATION: 5-140-361	:	polymorphic base insertion of CA
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 146328		
;	OTHER INFORMATION: 5-143-84	:	polymorphic base A or G
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 146345		
;	OTHER INFORMATION: 5-143-101	:	polymorphic base A or C
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 150329		
;	OTHER INFORMATION: 5-145-24	:	polymorphic base A or G
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 160031		
;	OTHER INFORMATION: 5-148-352	:	polymorphic base G or T
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 72771..72817		
;	OTHER INFORMATION: polymorphic fragment 5-124-273	SEQ ID30	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 72771..72817		
;	OTHER INFORMATION: polymorphic fragment 5-124-273	SEQ ID51	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 88050..88096		
;	OTHER INFORMATION: polymorphic fragment 5-127-261	SEQ ID31	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 88050..88096		
;	OTHER INFORMATION: polymorphic fragment 5-127-261	SEQ ID52	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 90819..90865		
;	OTHER INFORMATION: complement polymorphic fragment 99-1437-325	SEQ ID49	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 90819..90865		
;	OTHER INFORMATION: complement polymorphic fragment 99-1437-325	SEQ ID70	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 93690..93736		
;	OTHER INFORMATION: polymorphic fragment 5-128-60	SEQ ID32	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 93690..93736		
;	OTHER INFORMATION: polymorphic fragment 5-128-60	SEQ ID53	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 97099..97145		
;	OTHER INFORMATION: polymorphic fragment 99-1442-224	SEQ ID50	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 97099..97145		
;	OTHER INFORMATION: polymorphic fragment 99-1442-224	SEQ ID71	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 97130..97177		
;	OTHER INFORMATION: polymorphic fragment 5-129-144	SEQ ID33	
;	FEATURE:		
;	NAME/KEY: allele		
;	LOCATION: 97130..97177		
;	OTHER INFORMATION: polymorphic fragment 5-129-144	SEQ ID54	

FEATURE:	
NAME/KEY: allele	
LOCATION: 99075..99121	
OTHER INFORMATION: polymorphic fragment 5-130-257	SEQ ID34
FEATURE:	
NAME/KEY: allele	
LOCATION: 99075..99121	
OTHER INFORMATION: polymorphic fragment 5-130-257	SEQ ID55
FEATURE:	
NAME/KEY: allele	
LOCATION: 99094..99140	
OTHER INFORMATION: polymorphic fragment 5-130-276	SEQ ID35
FEATURE:	
NAME/KEY: allele	
LOCATION: 99094..99140	
OTHER INFORMATION: polymorphic fragment 5-130-276	SEQ ID56
FEATURE:	
NAME/KEY: allele	
LOCATION: 103783..103828	
OTHER INFORMATION: polymorphic fragment 5-131-395	SEQ ID36
FEATURE:	
NAME/KEY: allele	
LOCATION: 103783..103828	
OTHER INFORMATION: polymorphic fragment 5-131-395	SEQ ID57
FEATURE:	
NAME/KEY: allele	
LOCATION: 106918..106966	
OTHER INFORMATION: polymorphic fragment 5-133-375	SEQ ID37
FEATURE:	
NAME/KEY: allele	
LOCATION: 106918..106966	
OTHER INFORMATION: polymorphic fragment 5-133-375	SEQ ID58
FEATURE:	
NAME/KEY: allele	
LOCATION: 108084..108130	
OTHER INFORMATION: polymorphic fragment 5-135-155	SEQ ID38
FEATURE:	
NAME/KEY: allele	
LOCATION: 108084..108130	
OTHER INFORMATION: polymorphic fragment 5-135-155	SEQ ID59
FEATURE:	
NAME/KEY: allele	
LOCATION: 108127..108177	
OTHER INFORMATION: polymorphic fragment 5-135-198	SEQ ID39
FEATURE:	
NAME/KEY: allele	
LOCATION: 108127..108177	
OTHER INFORMATION: polymorphic fragment 5-135-198	SEQ ID60

Query Match	7.3%	Score 34;	DB 4;	Length 162450;
Best Local Similarity	53.8%	Pred. No. 5.2;		

Matches	70;	Conservative	0;	Mismatches	60;	Indels	0;	Gaps	0;
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Qy 59 TATCTCCTACCAATTGGTAGTAATAATTTGCTAATAGTACCATAATTTTAGTAGGCA 118
||| | || |||| | | | | | | | | | |
Db 150592 TATATTTAAAAATTAGAGATTTACACTTACTGCCCTTCCTCTCTTTTGTTGTATAC 150533

QY 119 CTGTGTTTATACATATATACCATTCCTTTTTTGTATTGCTTTCTGTTTAATGGGCAGC 178
- - - - -
Db 150332 CACTGTGCTTTATGGCGTTCCTTTCTGCTTTTGTGAACCTCCTCCCTCCCTCAGCATC 150473

Qy 179 TACCTCTCTT 188
Db 150472 TTTCACTCTT 150463

RESULT 8
US-09-705-299-14
; Sequence 14, Application US/09705299
; Patent No. 6440737
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser

```

; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE
; FILE REFERENCE: RTS-0174
; CURRENT APPLICATION NUMBER: US/09/705,299
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 14
; LENGTH: 1919
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION:
; NAME/KEY: unsure
; LOCATION: 1015
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
; LOCATION: 1824
; OTHER INFORMATION: unknown
; NAME/KEY: CDS
; LOCATION: (97)...(684)
; US-09-705-299-14

Query Match 7.2%; Score 33.4; DB 4; Length 1919;
Best Local Similarity 52.1%; Pred. No. 1.1;
Matches 73; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

Qy 44 CCACCCATAAACAATATCTCCACCAATTTGGTAGTAATAATTTGGCTAATAGTACCTA 103
Db 915 CCAAGCATATATCTTCCACCAAGTATTTAAAGTATGTCTCTAAAGGAAGAATA 974

Qy 104 ATTTTGGTAGGACGTCTTTATACATATATCCATTCCTCTTTTGGATTGCTTTC 163
Db 975 CATATTTTATTTGACATATTTGGAGCTTTAAATTAATATNTATATACATTTATTAC 1034

Qy 164 TGTTAATGGCGACCTACCT 183
Db 1035 AGTTTACAGGATACTTTCCT 1054

RESULT 9
US-08-213-419B-3
; Sequence 3, Application US/08213419B
; Patent No. 6333406
; GENERAL INFORMATION:
; APPLICANT: Inselburg, J. et al.
; TITLE OF INVENTION: GENE ENCODING PROTEIN ANTIGENS OF PLASMODIUM FALCIPARUM
; FILE REFERENCE: JII-002CNC
; CURRENT APPLICATION NUMBER: US/08/213,419B
; CURRENT FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: US 07/870,506
; PRIOR FILING DATE: 1992-04-17
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 6124
; TYPE: DNA
; ORGANISM: Plasmodium falciparum
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (2407)..(2439)
; NAME/KEY: CDS
; LOCATION: (2598)..(3404)
; NAME/KEY: CDS
; LOCATION: (3580)..(3720)
; NAME/KEY: CDS
; LOCATION: (3850)..(5835)
; US-08-213-419B-3

Query Match 7.2%; Score 33.2; DB 4; Length 6124;
Best Local Similarity 56.4%; Pred. No. 2.1;
Matches 62; Conservative 0; Mismatches 48; Indels 0; Gaps 0;

; APPLICANT: Charles Kunsch
; TITLE OF INVENTION: Streptococcus pneumoniae Polynucleotides and Sequences
; NUMBER OF SEQUENCES: 391
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,527
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB340P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 159:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9048 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-961-527-159

Query Match 7.1%; Score 33; DB 4; Length 9048;
Best Local Similarity 55.8%; Pred. No. 2.8;
Matches 63; Conservative 0; Mismatches 50; Indels 0; Gaps 0;

Qy 2 GAGTAATCTCTAATACACAGGATTTTAAAAAGAAACTTCCTCGCGCCACCCATTAACAATAT 61
Db 3322 GAATAATCCGTACAATCTGATTACATTCATAAAATTCCTCCGTCACCTTTTATTTTAAAG 3263

Qy 62 CTCTACCAATTTGGTAGTAATAATTTTGTCTAATAGTACCTAATTTTAGGTA 114
Db 3262 GATTTTAGAATTTTACAAAGATATATTGCTCAAAATTTACATTTATTAGCTA 3210

RESULT 11
US-09-269-040-1
; Sequence 1, Application US/09269040
; Patent No. 6294712
; GENERAL INFORMATION:
; APPLICANT: KLEINE, Michael
; APPLICANT: CAL, Daquang
; TITLE OF INVENTION: NEMATODE RESISTANCE GENE
; FILE REFERENCE: 032982/0110
```



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; CURRENT APPLICATION NUMBER: US/09/269,040
; EARLIER FILING DATE: 1999-05-26
; EARLIER APPLICATION NUMBER: PCT/EP97/05130
; EARLIER FILING DATE: 1997-09-18
; EARLIER APPLICATION NUMBER: DE 19700844.5
; EARLIER FILING DATE: 1997-01-13
; EARLIER APPLICATION NUMBER: DE 19637974.1
; EARLIER FILING DATE: 1996-09-18
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 5401
; TYPE: DNA
; ORGANISM: Beta vulgaris
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (2982)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3024)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3060)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3062)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3107)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3160)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3203)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3326)..(3327)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3734)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3888)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (4412)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
```

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; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (4607)..(4608)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (4656)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (4666)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (4736)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (4781)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (5354)
; OTHER INFORMATION: n may be A or G or C or T/U, or the nucleotide is
; OTHER INFORMATION: not present
; US-09-269-040-1

Query Match 7.1%; Score 32.8; DB 4; Length 5401;
Best Local Similarity 53.0%; Pred. No. 2.6;
Matches 70; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 25 TAAAAAGAACTTCCTGCGCCACCCATTAAACAATATCTCTACCAATTTGGTAGTAAAT 84
||||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 220 TAAAAACAATATTCATCGTCCCATATATGAGTCCCTTCTATTTAGGAGTCAAA 279
||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 85 ATTTTGCTAATAGTACCTAATTTTATAGGTAGGCACGTGTTTATACATATATCCATTCT 144
||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 280 ATTTTAAATTTTGACCAATATCTTATTACTATATATAAAACATATTCATGTGGGA 339
||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 145 TCTTTTGTGATT 156
||||| || ||||
Db 340 TCTTGTAGATT 351

RESULT 12
US-09-791-211-10
; Sequence 10, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 10
; LENGTH: 98844
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 24962
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
; LOCATION: 64383
; OTHER INFORMATION: unknown
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[illegible]

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; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,881
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,909
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,875
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,862
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,887
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,908
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/048,964
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/057,650
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/056,884
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/057,669
; EARLIER FILING DATE: 1997-09-05
; EARLIER APPLICATION NUMBER: 60/049,610
; EARLIER FILING DATE: 1997-06-13
; EARLIER APPLICATION NUMBER: 60/061,060
; EARLIER FILING DATE: 1997-10-02

Query Match 7.0%; Score 32.4; DB 4; Length 1313;
Best Local Similarity 54.3%; Pred. No. 1.8;
Matches 63; Conservative 1; Mismatches 52; Indels 0; Gaps 0

QY 120 TGTGTTTATACATATATCCATCTCTTTTGTGATGCTTTCTTCTTAAATGGCAGCT 179
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1313 TTTTNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAAAGGGAAGAT 125

QY 180 ACCTCTCTGGCATCTAGCAGATGAGCTGCTGCAGCTTTTACACAAAAAAGATGGAG 235
    ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 1253 ACATTTATTTAAAAATAAAAAATAGTACACAACTCTGTATAACAAAAAGCATTTAG 1198

RESULT 14
US-08-446-855A-1/C
; Sequence 1, Application US/03446855A
; Patent No. 5849573
; GENERAL INFORMATION:
; APPLICANT: Stewart, Thomas S
; APPLICANT: Flores, Maria V
; APPLICANT: O'Sullivan, William J
; TITLE OF INVENTION: Nucleotide sequence encoding carbamoyl
; TITLE OF INVENTION: phosphate synthetase II
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon & Vanderhye PC
; STREET: 1100 No. 5849573th Glebe Road, 8th Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,855A
; FILING DATE: 06-Jul-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mitchard, Leonard C
; REGISTRATION NUMBER: 29.009
; REFERENCE/DOCKET NUMBER: 47-80
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100

```

```

; INFORMATION FOR SEQ ID NO: 1:
;
; SEQUENCE CHARACTERISTICS:
;     LENGTH: 8920 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     MOLECULE TYPE: genomic
US-08-446-855A-1

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Query Match	7.08;	Score 32.4;	DB 2;	Length 8920;
Best Local Similarity	53.1%;	Pred. No. 4.3;		
Matches 69;	Conservative 0;	Mismatches 61;	Indels 0;	Gaps 0;
Qy	81	AAATATTTTGCCTAAATAGTACCTAATTTT	AGGTAGGCACGTGTTTATACATATATCCAT	140
Db	1196	AAAAATTTATATACCTGTGTAGCTAGCATTT	ATATATATATATATATATATATAT	1137
Qy	141	TCCTCTTTTGTGATTGCTTCTTGTTTAAATG	GGCAGCTACCTCTCTTGGCATCTAGCAG	200
Db	1136	ATATATTTTTTTTTTTTTTTTTTTTTTTTTTTT	TTTTTTTTTTCTTTTTTGTGCTGAACAT	1077
Qy	201	AATGAGCTGC	210	
Db	1076	TATGTTGTGC	1067	

```

RESULT 15
US-09-150-741-1/c
; Sequence 1, Application US/09150741
; Patent No. 6183996
; GENERAL INFORMATION:
; APPLICANT: Stewart et al.
; TITLE OF INVENTION: Nucleotide Sequence Encoding Carbanoyl Phosphate
; Patent No. 6183996
; TITLE OF INVENTION: Synthetase II
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/150,741
; CURRENT FILING DATE: 1998-09-10
; EARLIER APPLICATION NUMBER: PL6380
; EARLIER FILING DATE: 1992-12-16
; EARLIER APPLICATION NUMBER: AU93/00617
; EARLIER FILING DATE: 1993-12-02
; EARLIER APPLICATION NUMBER: 08/446,855
; EARLIER FILING DATE: 1995-07-06
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 8920
; TYPE: DNA
; ORGANISM: Plasmodium falciparum
US-09-150-741-1

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	Query Match	7.0%	Score 32.4;	DB 4;	Length 8920;
	Best Local Similarity	53.1%	Pred. No. 4.3;		
	Matches	69;	Conservative	0;	Mismatches 61; Indels 0; Gaps 0
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Dd	1196	AAAAATTTATATATCTTGTAAGTAGCATTGTACATATTATCATATATATATATATATAT	1137		
Qy	141	TCCCTTCCTTTTGGATTGCTCTTCTGTTTAAATGGGCAGCTACCTCTCTTGGCACTCTAGCAG	200		
Dd	1136	ATATATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCTCTCTTTTCTAGTGCTAACAT	1077		
Qy	201	AATGAGCTGC	210		
Dd	1076	TATGTTGTC	1067		

Search completed: December 21, 2002, 14:42:34
Job time : 98.5473 secs

PD = 7/17/00

GenCore version 5.1.3
Copyright (c) 1993 - 2002 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: December 21, 2002, 13:23:00 ; Search time 67.7403 Seconds
(without alignments)
5165.587 Million cell updates/sec

Title: US-09-617-174C-1
Perfect score: 1141
Sequence: 1 agataagcacagcagagaag.....aggataactgtgactccagg 1141

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*

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6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	178.6	15.7	70000	4	US-09-851-896-3
3	175.8	15.4	36741	4	US-09-301-665-3
4	174.4	15.3	40000	4	US-09-780-049-18
5	173	15.2	1988	2	US-08-257-963B-11
6	173	15.2	1988	4	US-08-367-841A-11
7	173	15.2	1988	5	PCT-US95-07201-11
8	173	15.2	5262	4	US-08-520-373D-5
9	173	15.2	22481	4	US-08-367-841A-43
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12	173	15.2	99500	4	US-09-798-096-10
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21	170	14.9	246240	2	US-08-724-394A-20
22	170	14.9	246240	2	US-08-724-394A-21
23	170	14.9	246240	2	US-08-724-394A-22
C 24	169.6	14.9	4285	4	US-09-040-774-1
C 25	169.4	14.8	1600	2	US-08-487-1130-117
C 26	169.4	14.8	1600	2	US-08-720-420A-117
27	169	14.8	168575	4	US-09-426-290-1

28	168.6	14.8	20674	4	US-09-641-638-651	Sequence 651, Appl
C 29	168.6	14.8	43950	4	US-09-735-934A-3	Sequence 3, Appl1
30	168.6	14.8	11282	4	US-09-754-250-3	Sequence 3, Appl1
C 31	168.2	14.7	885	4	US-09-227-357-100	Sequence 100, Appl
C 32	168	14.7	12597	4	US-09-705-299-12	Sequence 12, Appl
C 33	168	14.7	98844	4	US-09-791-211-10	Sequence 10, Appl
C 34	167.8	14.7	112132	4	US-09-741-150-3	Sequence 3, Appl1
C 35	167.4	14.7	2477	1	US-08-429-742-1	Sequence 1, Appl1
C 36	167.4	14.7	112132	4	US-09-741-150-3	Sequence 3, Appl1
37	167	14.6	80246	4	US-09-078-294-4	Sequence 4, Appl1
C 38	167	14.6	80595	4	US-09-078-294-3	Sequence 3, Appl1
C 39	166.8	14.6	1460	4	US-09-257-179-23	Sequence 23, Appl
40	166	14.5	72604	4	US-09-268-992-7	Sequence 7, Appl1
41	166	14.5	72604	4	US-09-657-474-7	Sequence 7, Appl1
C 42	165.8	14.5	70000	4	US-09-851-896-3	Sequence 3, Appl1
C 43	165.8	14.5	246240	2	US-08-724-394A-20	Sequence 20, Appl
C 44	165.8	14.5	246240	2	US-08-724-394A-21	Sequence 21, Appl
C 45	165.8	14.5	246240	2	US-08-724-394A-22	Sequence 22, Appl

ALIGNMENTS

RESULT 1
US-08-814-095-7/c
; Sequence 7, Application US/C8814095
; Patent No. 6025183
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Zakut, Haim
; APPLICANT: Shani, Moshe
; TITLE OF INVENTION: TRANSGENIC ANIMAL ASSAY SYSTEM FOR
; TITLE OF INVENTION: ANTI-CHOLINESTERASE SUBSTANCES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 No. 6025183thwestern Highway, Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: U.S.
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/814,095
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Montgomery, Ilene N.
; REGISTRATION NUMBER: 38,972
; REFERENCE/DOCKET NUMBER: 2391.00066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35060 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Cosmid including ACHE
; DESCRIPTION: promotor, ACHE gene and ARS gene"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: 7q22
; FEATURE:

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US-08-814-095-7
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Matches 246; Conservative 0; Mismatches 92; Indels 1; Gaps 1;

QY 145 CAGAGTGGCTACTCCTTTCTTTCTTTTGTCTCTGTCACCCAGGCTGAGTAC 204
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Db 8393 CAAATCTATTTTCTTCTTTTAAAGGACAGGGCTTGTCTGTACCCAGGCTGTAGTAC 8334

QY 205 AGTGGTTAGTCTACGGCTCACTGACGCTTTTGACCTCCAGGCTCAAGTGATCCTCTCGTC 264
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Db 8333 AGTGGCATAATCATAGCTACTGCAGCCTCAAACTCCTGGCTCAAGTAGCCCTCCACC 8274
QY 265 TCAGCTTTTCAAGTAAGTGGGACACAGGATCATCACCACCTAGGCTATTGTTTAC 324
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QY 325 ATTTTGTAGAGATGGGTCTCACCATGTTGCCAGGTTGGTCTCAAACTCCTGGGCTC 384
Db 8214 ATTTTGTAGAGAAGGGTCTTGTCTATGTTGCCAGGCTGGTCTCGAACTCTGAGCTC 8155
QY 385 AAGCAATCCGCTCAGCTCAACCTCCCAAAATGCTGGGATTACAGGCTGAGCCACCGGC 444
Db 8154 AAGCAATCTGCCCGCTCAGCTCCCAAGTCTGGGATTACAGAAGTAGGCCACTGTGT 8095
QY 445 CAGGGCTGAGTAATCTAATCAGAGATTTTAAAGAA 483
Db 8094 CTGCTACGCTTTTATTTTAAATGAGCATTAAAGGAA 8056

RESULT 2
US-09-851-896-3
; Sequence 3, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+--INDEPENDENT)
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+--INDEPENDENT)
; FILE REFERENCE: RTS-0220
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 3
; LENGTH: 70000
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-851-896-3

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Best Local Similarity 75.1%; Pred. No. 1.3e-40;
Matches 223; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

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QY 211 TAGCTCAGGCTCAGTGCAGCTTTGACCTCCAGGCTCAAGTGTCTCTGCTCAGCT 270
Db 21034 ATGATCATGGCTCAGTGCAGCTCAACTTCCAGGCTCAAGTGTCTCTGCTCAGCT 21093
QY 271 TTCAAGTAAGTGGGACACAGGATGATCACCAGCTAGGCTATTGTTTACATTTT 330
Db 21094 TCCTGAGTAGCCAGGACTACAGGACGACACCATACCTTGGCTAATTTAAAAATTTT 21153
QY 331 TGTAGAGATGGGTCTCACCATTGCTCCAGGTTGCTCTCAAACTCCTGGGCTCAAGCAA 390
Db 21154 TGTAGAGACAGGTCTCATCAAGTATCCAGGCTGGTCTTGAACCTCTGGGCTCAAAACA 21213
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RESULT 3
US-09-301-665-3
; Sequence 3, Application US/09301665
; Patent No. 6207876
; GENERAL INFORMATION:
; APPLICANT: KELLENS, RODNEY E.
; APPLICANT: DATTA, SURJIT K.

; APPLICANT: BLACKBURN, MICHAEL R.
; TITLE OF INVENTION: ADENOSINE DEAMINASE DEFICIENT TRANSGENIC MICE AND
; FILE REFERENCE: US/09/301,665
; CURRENT FILING DATE: 1999-04-28
; EARLIER APPLICATION NUMBER: 60/083,408
; EARLIER FILING DATE: 1998-04-29
; EARLIER APPLICATION NUMBER: 60/083,370
; EARLIER FILING DATE: 1998-04-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 36741
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-301-665-3

Query Match 15.4%; Score 175.8; DB 4; Length 36741;
Best Local Similarity 78.7%; Pred. No. 5.8e-40;
Matches 210; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

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Db 17079 ACCTGCTGCTAATTTTGTGATTTTGTAGAGATGGGTCTCACCATGTTGCCAGGCT 17138
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RESULT 4
US-09-780-049-18
; Sequence 18, Application US/09780049
; Patent No. 6465250
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUN
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0134
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 18
; LENGTH: 40000
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-780-049-18

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Best Local Similarity 77.6%; Pred. No. 1.5e-39;
Matches 211; Conservative 0; Mismatches 61; Indels 0; Gaps 0;

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QY 237 CTCTCCAGGCTCAAGTATCTCTGCTCTCAGCTTTTCCAAAGTAACCTGGGACACAGGAT 296

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Db 20324 GCCAGGCTGGCCCTCAAACTCCCTGACCTCAAGTGATCGGCCACCTTGGCCCTCCCAAGTG 20383
QY 417 CTGGGATTACAGCGGTGAGCCACCGGGCCAGG 448
Db 20384 CTGGGATTACAGGTGTGAGCCACCGGCGCTGG 20415

RESULT 5
US-08-257-963B-11
; Sequence 11, Application US/08257963B
; Patent No. 5840686
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Becerra, S.
; APPLICANT: Patricia; Schwartz, Joan P.;
; APPLICANT: Taniwaki, Takayuki
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION OF ITS NOVEL
; TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING
; TITLE OF INVENTION: AND EXPRESSING THE PROTEIN
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/257,963B
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20264126US1
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 1988 Base Pairs
TYPE: Nucleic Acid
STRANDEDNESS: Double
TOPOLOGY: Unknown
MOLECULE TYPE: Genomic DNA
ORIGINAL SOURCE:
ORGANISM: Human
FEATURE:
NAME/KEY: JTI108
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION: 2 kb PCR product using
OTHER INFORMATION: primers, SEQ ID: 13 and 14.

US-08-257-963B-11
Query Match 15.2%; Score 173; DB 2: Length 1988;
Best Local Similarity 68.3%; Pred. No. 7.4e-40;

Matches 250; Conservative 0; Mismatches 115; Indels 1; Gaps 1;
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QY 158 TCCTTTTCTTTTCTTTTCTCTCTCTCCTCACCAGGCTGAAGTACAGTGGTGTAGCTCA 217
Db 549 TNNNCTTTCTGAGAGCGAGTCTCGCTTTGTNCNCAAGGCTGGAGTGCAGTGGTGTGATCT 608
QY 218 CGGCTACATGACGCTTTGACCTCCAGGCTCAAGTGTAGCTCTCTCCTCAGCTTTTCCAA 277
Db 609 CAGCTCACTGCAACCTCTGCTCTCCCTGCTTCAAGGAATTTCTCTCCTCAGCTCCAGAG 668
QY 278 TAACTGGGACACAGGATGATCACCAGCTAGCTATTGTTTACATATTTTCTGTAGAG 337
Db 669 TAGCTGGGATTACAGGACCTGCCATCATGCCAGCTAAT-TTTTGTATTTTGTAGTAGAG 727
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QY 398 AGCTCAACCTCCCAAAATGCTGGGATTACAGCGGTGAGCCACCGGCGGCTGAGTAA 457
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QY 458 TCCTAA 463
Db 848 TCTTAA 853

RESULT 6
US-08-367-841A-11
; Sequence 11, Application US/08367841A
; Patent No. 6319687
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Rodriguez,
; APPLICANT: Ignacio R.; Mazuruk, Krzysztof;
; APPLICANT: Tombran-Tink, Joyce
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
; TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GENE
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,841A
FILING DATE: 30-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/257,963
FILING DATE: 07-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/952,796
FILING DATE: 24-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36434
REFERENCE/DOCKET NUMBER: 20264126US2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 11:

; Sequence 5, Application US/08520373D
; Patent No. 6451763
; GENERAL INFORMATION:
; APPLICANT: Tombran-Tink, Joyce
; APPLICANT: Steele, Fintan R
; APPLICANT: Chader, Gerald J
; APPLICANT: Becerra, Sofia P
; APPLICANT: Johnson, Lincoln V
; APPLICANT: Rodriguez, Ignacio R
; TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
; FILE REFERENCE: 2026-4203051
; CURRENT APPLICATION NUMBER: US/08/520,373D
; CURRENT FILING DATE: 1995-08-29
; PRIOR APPLICATION NUMBER: 08/377,710
; PRIOR FILING DATE: 1995-01-25
; PRIOR APPLICATION NUMBER: 08/279,979
; PRIOR FILING DATE: 1994-07-25
; PRIOR APPLICATION NUMBER: 07/894,215
; PRIOR FILING DATE: 1992-06-04
; PRIOR APPLICATION NUMBER: 07/952,796
; PRIOR FILING DATE: 1992-09-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 5262
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; OTHER INFORMATION: EXON 35-161; EXON 1142-1297; EXON 1984-2187;
; OTHER INFORMATION: EXON 5170-5255; INTRON 162-1141; INTRON
; OTHER INFORMATION: 1298-1983; INTRON 2188-5169; CDS 35-161; CDS
; OTHER INFORMATION: 1142-1297; CDS 1984-2187; CDS 5170-5255
; NAME/KEY: exon
; LOCATION: (35)..(160)
; NAME/KEY: exon
; LOCATION: (1142)..(1297)
; NAME/KEY: exon
; LOCATION: (1984)..(2187)
; NAME/KEY: exon
; LOCATION: (5170)..(5256)
; NAME/KEY: intron
; LOCATION: (162)..(1141)
; NAME/KEY: intron
; LOCATION: (1298)..(1983)
; NAME/KEY: intron
; LOCATION: (2188)..(5169)
; OTHER INFORMATION: n = a or g or t or c, any base
US-08-520-373D-5

Query Match. 15.2%; Score 173; DB 4; Length 5262;
Best Local Similarity 68.3%; Pred. No. 1.3e-39;
Matches 250; Conservative 0; Mismatches 115; Indels 1; Gaps 1;
Qy 98 TGGGAAGACAGGAGGACAAAGAGGCTCCACGAGAGATTTTCAGACAGAGCTGCGTAC 157
Db 521 TGGGTTACAGGGGAACATAATACAGCTCTACTACAGAGATGCTTTTTTTTTTTTTT 580
Qy 158 TCCTTTTCTTTTGTCTCTGTCCACCCAGGCTGAAGTACAGTGGTTAGCTCA 217
Db 581 TNNCTTTCTGAGACGAGTCTCGCTTTGTCNCCAGGCTGGAGTGGGTGTGATCT 640
Qy 218 CGGCTCACTGACGCTTTGACCTCCAGGCTCAAGTGATCTCTGCTCAGCTTTCCAG 277
Db 641 CAGCTCACTGCAACCTCTGCTCCCTGGTTCAAGGAATTTCTCTGCTCAGCTCCAGAG 700
Qy 278 TAATGGGACACAGGATGATGATCACCAGCTAGGCTATTGTTTACATTTTGTAGAG 337
Db 701 TAGCTGGGATTTACAGGACCTTGCCATCATGCCAGCTAAT-TTTTGTATTTTAGTAGAG 759
Qy 338 ATGGGCTCTACCATGTTGGCCAGGTTGGTCTCAAACTCTGGGCTCAAGCAATCCGCTC 397
Db 760 ACGGGTTTCCACCATGTTGGCTAGGCTGGTCTCAAACTCCGGGCTCAAGGATCCACCC 819

Qy 398 ACGTCAACCTCCCAAAATGCTGGGATTACAGCGGTAGCCACCGGGCCAGGCTGAGTAA 457
Db 820 GCCTTGGCTCCCAAAAGTGGTGGATTACAGCGGTAGCCACCGGCTGCGCAATAAA 879
Qy 458 TCCTAA 463
Db 880 TCCTAA 885
RESULT 9
US-08-367-841A-43
; Sequence 43, Application US/08367841A
; Patent No. 6319687
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Rodriguez,
; APPLICANT: Ignacio R.; Mazuruk, Krzysztof;
; APPLICANT: Tombran-Tink, Joyce
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
; TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GENE
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/367,841A
; FILING DATE: 30-DEC-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/257,963
; FILING DATE: 07-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/952,796
; FILING DATE: 24-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36434
; REFERENCE/DOCKET NUMBER: 20264126US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22481 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Double
; TOPOLOGY: Unknown
; MOLECULE TYPE: Genomic DNA
; FEATURE:
; NAME/KEY: pl-147
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: full length genomic
; OTHER INFORMATION: sequence for PEDF plus flanking sequences.
US-08-367-841A-43

Query Match 15.2%; Score 173; DB 4; Length 22481;
Best Local Similarity 68.3%; Pred. No. 2.8e-39;
Matches 250; Conservative 0; Mismatches 115; Indels 1; Gaps 1;
Qy 98 TGGGAAGACAGGAGGACAAAGAGGCTCCACGAGAGATTTTCAGACAGAGCTGCGTAC 157
Db 15086 TGGGTTACAGGGGAACATAATACAGCTCTACTACAGAGATGCTTTTTTTTTTTTTT 15145

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QY 158 TCCTTTTCTTTTGTCTCTTTTGTCTCTGTACCCAGGCTGAAGTACAGTGGTTAGCTCA 217
      |||||
Db 15146 TNNCTTTCTGAGACGGAGTCTCGCTTTGTCCNCAAGGCTGGAGTGCAGTGGTGTGATCT 15205
      |||||
QY 218 CGCTCACTGCAGCTTTGACCTCCAGGCTCAAGTGCATCTCTCGTCTCAGCTTTCCAAG 277
      |||||
Db 15206 CAGCTCAGTGCACACCTCTGCTCCCTCGGTTCNCAAGGAATTTCTCTGCTCAGCCCTCCAGAG 15265
      |||||
QY 278 TAACTGGGACACAGGCTGCATCACCAGGCTAGGCTATTGTTTACATTTTGTAGAG 337
      |||||
Db 15266 TACCTGGGATTACAGGACCTGCCATCATGCCAGCTAAT-TTTTGTATTTTGTAGTAGAG 15324
      |||||
QY 338 ATGGGTCTCACCATGTGTCAGGTTGGTCTCAAACTCCTGGGCTCAAGCAATCCGCTC 397
      |||||
Db 15325 ACGGGTTTCAACCATGTGCTAGGCTGGTCTCAAACTCCCGGGCTCAAGCGATCCACCC 15384
      |||||
QY 398 ACCTCAACCTCCCCAATGCTGGGATTACAGGCTGAGCCACCGGCCAGGCTGAGTAA 457
      |||||
Db 15385 GCCTTGGCCCTCCCAAGTGTGGGATTACAGGCTGAGCCACCGGCCCTGGCCAGAATA 15444
      |||||
QY 458 TCCTAA 463
      |||||
Db 15445 TCCTAA 15450
      |||||
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RESULT 10
PCT-US95-07201-43
; Sequence 43, Application PC/TUS9507201
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Becerra, Sofia
; APPLICANT: Patricia; Schwartz, Joan P.;
; APPLICANT: Tanikaki, Takayuki
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR CHARACTERIZATION GENOMIC
; TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GENE
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan, L.L.P.
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07201
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/367,841
; FILING DATE: 30-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/257,963
; FILING DATE: 07-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/952,796
; FILING DATE: 24-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36434
; REFERENCE/DOCKET NUMBER: 20264126PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22481 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Double
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; TOPOLOGY: Unknown
; MOLECULE TYPE: Genomic DNA
; FEATURE:
; NAME/KEY: Pl-147
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: full length genomic
; OTHER INFORMATION: sequence for PEDF plus flanking sequences.
PCT-US95-07201-43

Query Match 15.2%; Score 173; DB 5; Length 22481;
Best Local Similarity 68.3%; Pred. No. 2.8e-39;
Matches 250; Conservative 0; Mismatches 115; Indels 1; Gaps 1;

QY 98 TGGGAAGACAGGAGGACAAGACAGGCTCCACGAAGAGATTTTCAGAGCAGAGCTGCGTAC 157
      |||||
Db 15086 TGGGTTACAGGGGAACTAATACCAGCTCACTACAGAAGTAGTCTTTTNTTTTNTTTT 15145
      |||||
QY 158 TCCTTTTCTTTTGTCTCTTTTGTCTCTGTACCCAGGCTGAAGTACAGTGGTTAGCTCA 217
      |||||
Db 15146 TNNCTTTCTGAGACGGAGTCTCGCTTTGTCCNCAAGGCTGGAGTGCAGTGGTGTGATCT 15205
      |||||
QY 218 CGCTCACTGCAGCTTTGACCTCCAGGCTCAAGTGCATCTCTCGTCTCAGCTTTCCAAG 277
      |||||
Db 15206 CAGCTCACTGCACACCTCTGCTCCCTCGGTTCNCAAGGAATTTCTCTGCTCAGCCTCCAGAG 15265
      |||||
QY 278 TAACTGGGACACAGGCTGCATCACCAGGCTAGGCTATTGTTTACATTTTGTAGAG 337
      |||||
Db 15266 TACCTGGGATTACAGGACCTGCCATCATGCCAGCTAAT-TTTTGTATTTTGTAGTAGAG 15324
      |||||
QY 338 ATGGGTCTCACCATGTGTCAGGTTGGTCTCAAACTCCTGGGCTCAAGCAATCCGCTC 397
      |||||
Db 15325 ACGGGTTTCAACCATGTGCTAGGCTGGTCTCAAACTCCCGGGCTCAAGCGATCCACCC 15384
      |||||
QY 398 ACCTCAACCTCCCCAATGCTGGGATTACAGGCTGAGCCACCGGCCAGGCTGAGTAA 457
      |||||
Db 15385 GCCTTGGCCCTCCCAAGTGTGGGATTACAGGCTGAGCCACCGGCCCTGGCCAGAATA 15444
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QY 458 TCCTAA 463
      |||||
Db 15445 TCCTAA 15450
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RESULT 11
US-09-875-223-2
; Sequence 2, Application US/09875223
; Patent No. 6391850
; GENERAL INFORMATION:
; APPLICANT: No. 6391850thwestern University
; APPLICANT: No. 63918501 Bouck
; APPLICANT: David Dawson
; APPLICANT: Paul Gillis
; TITLE OF INVENTION: Methods and Compositions for Inhibiting Angiogenesis
; FILE REFERENCE: 0290-2303
; CURRENT APPLICATION NUMBER: US/09/875,223
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 09/122,079
; PRIOR FILING DATE: 1998-07-23
; PRIOR APPLICATION NUMBER: PCT/US98/15228
; PRIOR FILING DATE: 1998-07-23
; PRIOR APPLICATION NUMBER: US 08/899,304
; PRIOR FILING DATE: 1997-07-23
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 22484
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: Unsure
; LOCATION: 1...22484
; OTHER INFORMATION: "n" means either a, c, t, or g
US-09-875-223-2
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Query Match	15.2%	Score 173;	DB 4;	Length 22484;
Best Local Similarity	68.3%	Pred. No. 2.8e-39;		
Matches 250;	Conservative 0;	Mismatches 115;	Indels 1;	Gaps 1;
QY	98	TCGGAGACAGAGGACAAAGACAGGCTCCACGAAGAGATTTTCAGACGACAGCTCGGTAC	157	
Db	15086	TCGGTTCACAGGGGAACATAACACAGCTCACTACAGAAATAGTCTTTTTTTTTTTTTTTTT	15145	
QY	158	TCCTTTTTCTTTTTGTTCTTTTCTCTGTACACCAAGCTGAAGTACAGTGGTTAGCTCA	217	
Db	15146	TNNCTTTCTGAGCGGAGTCTCGCTTGTGNCCAAGCTGGAGTCAAGTGGTGTATCT	15205	
QY	218	CGGCTCACTGCAGCTTTTGACCTCCCAAGGCTCAAGTGATCTCTCGTCTCAGCTTTCCAA	277	
Db	15206	CAGCTCACTGCAACCTCTGCTCCCTGGTTCAAGGAATTCCTCGCTCAGCTCCAGAG	15265	
QY	278	TAACTGGGACCAACAGGCATGCATCACCACGCTAGGCTATTGTTTTACATTTTTGTAGAG	337	
Db	15266	TAGCTGGGATTCAGGCACCTGCCATCATGCCAGCTAAAT-TTTTGTATTTTTAGTAGAG	15324	
QY	338	ATGGGGTCTCACCATGTGTCGCCAGTTGGTCTCAAACCTCTGGGCTCAAGCAATCCGCTC	397	
Db	15325	ACGGGGTTTCACCATGTGGCTTAGGCTGGTCTCAAACCTCCGGGCTCAGCGATCCACC	15384	
QY	398	AGTCAACCTCCCAAAATGCTGGGATTTACAGGCGGTGAGCCACCGGGCCAGGGCTGAGTAA	457	
Db	15385	GCCTTGGCCCTCCCAAGTCTGGGATTCACAGCGGTGAGCCACCGGCTGGCCAGAAATAA	15444	
QY	458	TCCTAA 463		
Db	15445	TCCTAA 15450		

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RESULT 12
US-09-798-096-10
; Sequence 10, Application US/09798096
; Patent No. 6399378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 10
; LENGTH: 99500
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-09-798-096-10

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	Query Match	15.2%	Score 173;	DB 4;	Length 99500;
	Best Local Similarity	74.4%;	Pred. No. 6.4e-39;		
	Matches 218; Conservative	0;	Mismatches 75;	Indels 0;	Gaps 0;
Qy	161	TTTTTCTTTTGGTTTCTGTCACCCAGGCTCAAGTACAGTGGTTAGCTCACGG	220		
Db	35956	TTTTTTTTTGAGACAGTCTCGCTGTGTCACCCAGGCTGGATGGTATGAICTTGG	36015		
Qy	221	CTCACTGCAGCTTTGACTGCCAGGCTCAAAGTAGTCCTCGCTFCAGCTTTTCCAAGTAA	280		
Db	36016	CTCACTGCAGGCTCCACCCTCCCGGGTTTCAAGTAGATTCTTGTGCGCTCAGCCTCCCAGSAG	36075		
Qy	281	CTGGGACACACAGGCATGATCACCACGCTAGGCTATTCTTTTACATTTTTTGTACAGATG	340		
Db	36076	CTGGAACATACAGGTGCACACCACCATGCTGCGTAATTTTTTTGTATTTTCAGTAGAGCG	36135		
Qy	341	GGGTCTCACCATGTTGGCCAGGTTGGGTCTCAAACCTCTGGGCTCAAGCAATCCGCTCAGC	400		
Db	36136	AGGTTTTGTCATGTTGCCAGGCTAGTCTTGAACCCCTGAGCTCAGGCAATCCGCGCCGC	36195		

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Qy 401  TCRACCTCCCAARTCTGGATTACAGCGTACGCCACCGCCAGGCGTGA 453
      |  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 36196  TTGGCCCTCCCAAAAGTGCTAGGATTACAGCATAAAGCCACCTTTCCTGGCCCTTA 36248

RESULT 13
US-08-257-963B-9
; Sequence 9, Application US/08257963B
; Patent No. 5840686
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Becerra, S.
; APPLICANT: Patricia; Schwartz, Joan P.;
; APPLICANT: Taniwaki, Takayuki
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION OF ITS NOV
; TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING
; TITLE OF INVENTION: AND EXPRESSING THE PROTEIN
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/257,963B

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1 PRIOR APPLICATION DATA:
2 APPLICATION NUMBER: 07/952,796
3 FILING DATE: 24-SEPT-1992
4 ATTORNEY/AGENT INFORMATION:
5 NAME: DOROTHY R. AUTH
6 REGISTRATION NUMBER: 36434
7 REFERENCE/DOCKET NUMBER: 20264126U51
8 TELECOMMUNICATION INFORMATION:
9 TELEPHONE: (212) 758-4800
10 TELEFAX: (212) 751-8849
11 INFORMATION FOR SEQ ID NO: 9:
12 SEQUENCE CHARACTERISTICS:
13 LENGTH: 4421 Base Pairs
14 TYPE: Nucleic Acid
15 STRANDEDNESS: Double
16 TOPOLOGY: Unknown
17 MOLECULE TYPE: Genomic DNA
18 ORIGINAL SOURCE:
19 ORGANISM: Human
20 FEATURE:
21 NAME/KEY: JT101
22 LOCATION:
23 IDENTIFICATION METHOD:
24 OTHER INFORMATION: 7.1 kb Bam HI
25 OTHER INFORMATION: fragment Derived from human placental
26 OTHER INFORMATION: genomic DNA
27
28 US-08-257-963B-9
29
30 Query Match 15.1%; Score 172.6; DB 2; Length 4421;
31 Best Local Similarity 69.3%; Pred. No. 1.5e-39;
32 Matches 235; Conservative 0; Mismatches 104; Indels 0; Gaps 0;

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QY	149	GCTGGGTACTCCTTTTTCCTTTTTGTTTCTCTCTGTCACCCAGCGCTGAAGTACAGTG	208
Db	3788	GCCTCTATTATTTTTTTTGAGATGGAGTCTCACATGTCACTGGCTGGGTGGAGTGCAGTG	3847
QY	209	GTTAGCTCACGGCTCACTGCAGCTTTGACCTCCAGCGCTCAAGTAATCCTCTCGTCTCAG	268
Db	3848	GAGCGAATCTGGCTGCTACGTCAACCTCCGCCCTCTCTGGGTCTCAAGAGATTCTTGGCTCTCAG	3907

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QY 269 CTTTCCAAGTAAGTGGACACACAGGATGATCACCACGCTAGGCTATTGTTTACATTT 328
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 3908 CTTCCCAAGTAGCTGGATTACAGGTGCTCCACACACGCTGCTAGTTTGTATTT 3967

QY 329 TTTGTAGAGATGGGCTCACCAGTGTGCCAGGTGGTCTCAAACTCCCTGGGCTCAAGC 388
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 3968 TTAGTAAAGATGGGTTTACCAATGTTGGCCAGGCTGGTCTTGAACCTCCCTGACATCAGGT 4027

QY 389 AATCCGCTCAGCTCAACCTCCCAATGCTGGGATTACAGGCTGAGCCACCGGCCAGG 448
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 4028 GATCCGCCACCTTAGCTCCCAAGTGGGATTACAGGCTGAGCCACCATACCTGG 4087

QY 449 GCTGAGTAATCTTAATCAGGAGATTTTAAAGAAACTT 487
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 4088 CCAGCAAAACCTCTTAACTGTGTTCATGGGCTCCTT 4126

RESULT 14
US-08-367-841A-9
; Sequence 9, Application US/08367841A
; Patent No. 6319687
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Rodriguez,
; APPLICANT: Ignacio R.; Mazuruk, Krzysztof;
; APPLICANT: Tombran-Tink, Joyce
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESS: Morgan & Finnegan
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/367,841A
; FILING DATE: 30-DEC-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/257,963
; FILING DATE: 07-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/952,796
; FILING DATE: 24-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36434
; REFERENCE/DOCKET NUMBER: 20264126US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4421 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Double
; TOPOLOGY: Unknown
; MOLECULE TYPE: Genomic DNA
; ORIGINAL SOURCE:
; ORGANISM: Human
; FEATURE:
; NAME/KEY: JTI1
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: 7.1 kb Bam HI
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; OTHER INFORMATION: fragment Derived from human placental
; OTHER INFORMATION: genomic DNA; Also referred to as JTI01
US-08-367-841A-9

Query Match 15.1%; Score 172.6; DB 4; Length 4421;
Best Local Similarity 69.3%; Pred. No. 1.5e-39;
Matches 235; Conservative 0; Mismatches 104; Indels 0; Gaps 0;

QY 149 GCTGCGTACTCCTTTCTTTTCTTTTCTGCTGTCCACCCAGGCTCAAGTACAGTG 208
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 3788 GCCTCTATTATTTTGTGAGATGAGTCTCACACTGTCCCTGGGCTGGAGTGCAAGTG 3847

QY 209 GTTAGTCAAGGCTCACTGAGCTTTGACCTCCAGGCTCAAGTGAATCTCTCTGCTCAG 268
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 3848 GAGCGATCTCGGCTCACTGCAACCTCGGCTCTCTGCTTCAAGAGATTTCTCCTGCCTCAG 3907

QY 269 CTTTCCAAGTAAGTGGGACACAGGATGATCACCACGCTAGGCTATTGTTTACATTT 328
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 3908 CTTCCCAAGTAGCTGGGATTACAGGTGCTCCACACGCTGCTAGTTTGTATTT 3967

QY 329 TTTGTAGAGATGGGCTCACCAGTGTGCCAGGTGGTCTCAAACTCCCTGGGCTCAAGC 388
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 3968 TTAGTAAAGATGGGTTTACCAATGTTGGCCAGGCTGGTCTTGAACCTCCCTGACATCAGGT 4027

QY 389 AATCCGCTCAGCTCAACCTCCCAATGCTGGGATTACAGGCTGAGCCACCGGCCAGG 448
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 4028 GATCCGCCACCTTAGCTCCCAAGTGGGATTACAGGCTGAGCCACCATACCTGG 4087

QY 449 GCTGAGTAATCTTAATCAGGAGATTTTAAAGAAACTT 487
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 4088 CCAGCAAAACCTCTTAACTGTGTTCATGGGCTCCTT 4126

RESULT 15
US-08-520-373D-6
; Sequence 6, Application US/08520373D
; Patent No. 6451763
; GENERAL INFORMATION:
; APPLICANT: Tombran-Tink, Joyce
; APPLICANT: Steele, Fintan R
; APPLICANT: Chader, Gerald J
; APPLICANT: Becerra, Sofia P
; APPLICANT: Johnson, Lincoln V
; APPLICANT: Rodriguez, Ignacio R
; TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
; FILE REFERENCE: 2026-4203US1
; CURRENT APPLICATION NUMBER: US/08/520,373D
; CURRENT FILING DATE: 1995-08-29
; PRIOR APPLICATION NUMBER: 08/377,710
; PRIOR FILING DATE: 1995-01-25
; PRIOR APPLICATION NUMBER: 08/279,979
; PRIOR FILING DATE: 1994-07-25
; PRIOR APPLICATION NUMBER: 07/894,215
; PRIOR FILING DATE: 1992-06-04
; PRIOR APPLICATION NUMBER: 07/952,796
; PRIOR FILING DATE: 1992-09-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 4421
; TYPE: DNA
; ORGANISM: HUMAN
; FEATURE:
; OTHER INFORMATION: CDS 66-322
US-08-520-373D-6

Query Match 15.1%; Score 172.6; DB 4; Length 4421;
Best Local Similarity 69.3%; Pred. No. 1.5e-39;
Matches 235; Conservative 0; Mismatches 104; Indels 0; Gaps 0;

QY 149 GCTGCGTACTCCTTTTCTTTTCTTTTCTGCTGTCCACCCAGGCTCAAGTACAGTG 208
  ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 3788 GCCTCTATTATTTTGTGAGATGAGTCTCACACTGTCCACCTGGGCTGGAGTGCAAGTG 3847
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